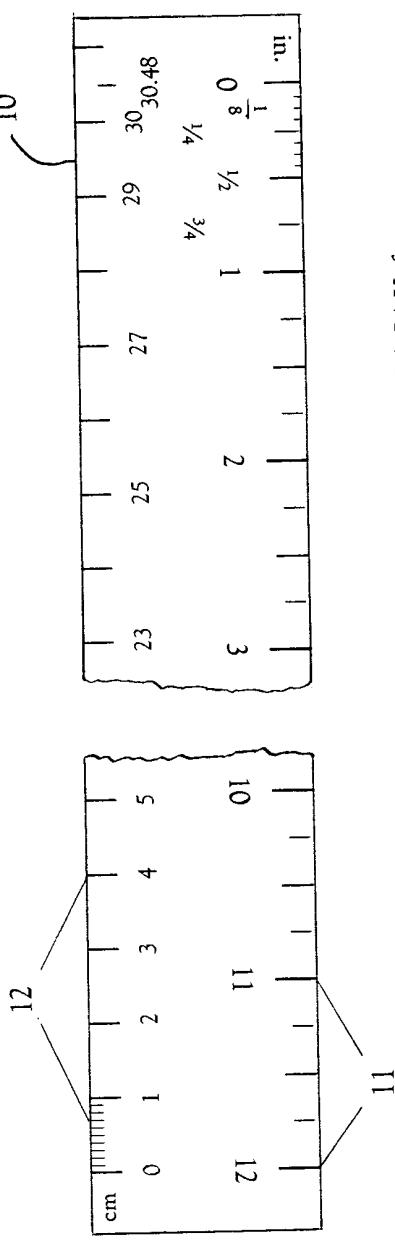


Fig. #1

Conventional Inches, foot, centimeters

drawn to scale

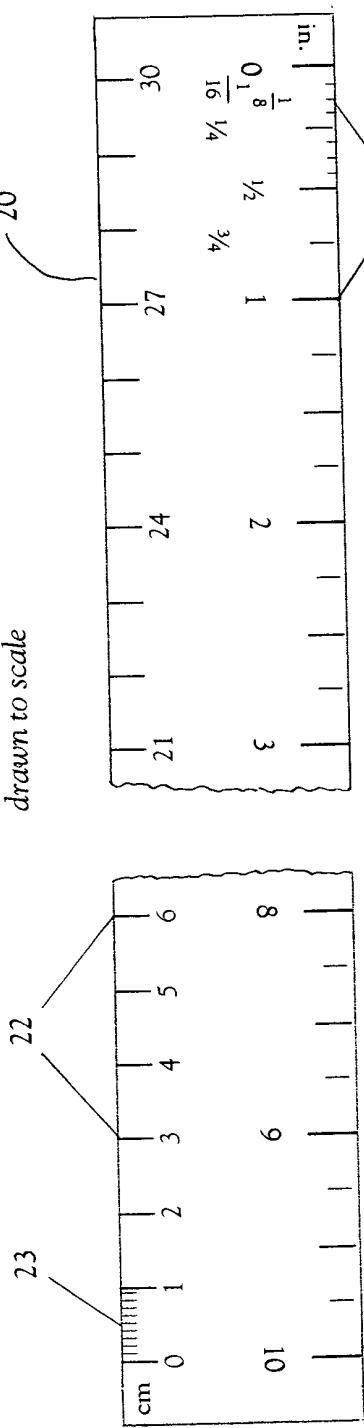


$$\text{U.S. foot} = 1.0167033621639674471063578257196 \text{ JAK-foot}$$

Fig. #2

"JAK" Inches, foot, centimeters

drawn to scale



$$\begin{aligned}\text{JAK-inch} &= 1.180285267716535433070866141732 \text{ U.S. inches} \\ \text{JAK-foot} &= 11.80285267716535433070866141732 \text{ U.S. inches}\end{aligned}$$

Fig. 3

### JAK-Linear and JAK-Metric Conversion Table

JAK Linear		JAK Metric	
JAK-inch	= 0.1 JAK feet = 0.03333 JAK yards = 0.00002 JAK miles = 30.0 JAK millimeters = 3.0 JAK centimeters = 0.3 JAK decimeters = 0.03 JAK meters = 1 / 10 billionth of a light second	JAK-millimeter = 0.1 JAK centimeters = 0.01 JAK decimeters = 0.001 JAK meters = 0.0333 JAK inches = 0.0033 JAK feet = 0.0011 JAK yards = 0.000000666 JAK miles	0.1 JAK centimeters = 0.01 JAK decimeters = 0.001 JAK meters = 0.0333 JAK inches = 0.0033 JAK feet = 0.0011 JAK yards = 0.000000666 JAK miles
JAK-foot	= 10.0 JAK inches = 0.3333 JAK yards = 0.0002 JAK miles = 300.0 JAK millimeters = 30.0 JAK centimeters = 3.0 JAK decimeters = 0.3 JAK meters = 1 billionth of a light second	JAK-centimeter = 10.0 JAK millimeters = 0.1 JAK decimeters = 0.01 JAK meters = 0.3333 JAK inches = 0.0333 JAK feet = 0.0011 JAK yards	10.0 JAK millimeters = 0.1 JAK decimeters = 0.01 JAK meters = 0.3333 JAK inches = 0.0333 JAK feet = 0.0011 JAK yards
JAK-yard	= 30.0 JAK inches = 3.0 JAK feet = 0.0006 JAK miles = 900.0 JAK millimeters = 90.0 JAK centimeters = 9.0 JAK decimeters = 0.9 JAK meters = 0.0009 JAK kilometers	JAK-decimeter = 100.0 JAK millimeters = 1,000 JAK millimeters = 100.0 JAK centimeters = 0.001 JAK kilometers = 33.3333 JAK inches = 3.3333 JAK feet = 1.1111 JAK yards = 0.000666 JAK miles	100.0 JAK millimeters = 1,000 JAK millimeters = 100.0 JAK centimeters = 0.001 JAK kilometers = 33.3333 JAK inches = 3.3333 JAK feet = 1.1111 JAK yards = 0.000666 JAK miles
JAK-mile	= 50,000.0 JAK inches = 5,000.0 JAK feet = 1,666.666 JAK yards = 1.5 JAK kilometers = 1 / 200,000th of a light second	JAK-kilometer = 1,000,000 JAK meters = 3,333.333 JAK feet = 1,111.111 JAK yards = 0.6666666 JAK miles = 1 / 300,000th of a light second	1,000,000 JAK meters = 3,333.333 JAK feet = 1,111.111 JAK yards = 0.6666666 JAK miles = 1 / 300,000th of a light second

Fig. 4

JAK-Linear and JAK-Metric VS U.S. Linear and SI Metric Conversion Table

JAK Linear vs. U.S. Linear, SI Metric

JAK-inch	=	1.180285267716 U.S. inches	JAK-millimeter	=	0.99930819333 SI millimeters
	=	0.098357105643 U.S. feet	JAK-centimeter	=	0.99930819333 SI centimeters
	=	0.032785701881 U.S. yards	JAK-decimeter	=	0.99930819333 SI decimeters
	=	0.000018628239 U.S. miles	JAK-meter	=	0.99930819333 SI meters
	=	29.9792458 SI millimeters	JAK-kilometer	=	0.99930819333 SI kilometers
	=	2.99792458 SI centimeters		=	3.278.57018810148 U.S. feet
	=	0.299792458 SI decimeters		=	3.278.57018810148 U.S. feet
	=	0.0299792458 SI meters		=	3.278.57018810148 U.S. feet

JAK-foot

	=	11.802852677165 U.S. inches	SI-kilometer	=	3.280.839895013 U.S. feet
	=	0.983571056430 U.S. feet		=	0.62137119223 U.S. miles
	=	0.327857018810 U.S. yards		=	3.335.64095198152 JAK feet
	=	0.000186282397 U.S. miles		=	0.667128190396304 JAK miles
	=	299.792458 SI millimeters	U.S. mile	=	5,280.0 U.S. feet
	=	29.9792458 SI centimeters		=	1.609344 SI kilometers
	=	0.299792458 SI meters		=	5,368.1937522257 JAK feet

JAK-yard

JAK-mile	=	35.4085580314960 U.S. inches	U.S. foot	=	12.0 U.S. inches
	=	2.9507131692913 U.S. feet		=	304.8 SI Millimeters
	=	0.9835710564304 U.S. yards		=	10.1670336216396 JAK inches
	=	0.00005588471911 U.S. miles		=	305.0110086491902 JAK millimeters
	=	899.377374 SI millimeters		=	1.6104581256 JAK kilometers
	=	89.9377374 SI centimeters		=	25.4 SI Millimeters
	=	0.899377374 SI meters		=	0.8472528018033 JAK inches
	=	59,014.2633858267716 U.S. inches		=	25.4175840540991 JAK millimeters
	=	4,917.8552821522309 U.S. feet		=	
	=	1,639.2850940507436 U.S. yards		=	
	=	0.931411985256 U.S. miles		=	
	=	1.49896229 SI kilometers		=	